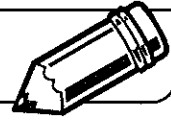


LESSON
2•10**Number Stories and Estimation**

- ◆ Read each number story carefully.
- ◆ Write an open number sentence to use in estimating.
- ◆ Answer the question.

Example:

It is said that the Aztec king, Montezuma, drank about 50 cups of chocolate per day. Did he drink *more* or *less* than 10 gallons of chocolate in a week? (Hint: 16 cups = 1 gallon)

Open number sentence: $10 * 16 = \text{Number of cups in 10 gallons}$

Answer: more

1. Certain varieties of seahorses can move 10.5 inches per minute. At this rate, could these seahorses be able to travel 6 yards in 1 hour?

a. Open number sentence:

b. Answer: _____

2. Orville Wright completed the first airplane flight on December 17, 1903. He traveled 120 feet in 12 seconds. If he had been able to stay in the air for a full minute, would he have traveled 1 mile? (Hint: 1 mile = 5,280 feet)

a. Open number sentence:

b. Answer: _____

3. In 1960, the Triton became the first submarine to circumnavigate the world. It covered 36,014 miles in 76 days. Is that more or less than 100 miles per day?

a. Open number sentence:

b. Answer: _____

Source: *The Kids' World Almanac of Records and Facts*